



SAFETY DATA SHEET

Tango

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Tango
PRODUCT NO.	032-11
APPLICATION	Dressing
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2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

PHYSICAL AND CHEMICAL HAZARDS

Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
d-LIMONENE	227-813-5	5989-27-5	< 1%	R10 R43 Xi;R38 N;R50/53
KEROSINE (PETROLEUM); STRAIGHT RUN KEROSINE	232-366-4	8008-20-6	5-10%	Xn;R65
OLEYLBIS(2-HYDROXYETHYL)AMINE	246-807-3	25307-17-9	1-5%	Xn;R22. C;R34. N;R50.
PROPAN-2-OL	200-661-7	67-63-0	< 1%	F;R11 Xi;R36 R67

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

SKIN CONTACT

Wash skin with soap and water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.

EYE CONTACT

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

Oxides of: Carbon.

Tango

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses.

SPILL CLEAN UP METHODS

Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Flush to sewer if local regulations permit.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid inhalation of vapours. During application and drying, solvent vapours will be emitted.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
KEROSINE (PETROLEUM); STRAIGHT RUN KEROSINE	WEL		800 mg/m ³			
PROPAN-2-OL	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³	
Tango	WEL					

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3).

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Polyvinyl chloride (PVC). Rubber (natural, latex). The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Liquid

COLOUR

Orange

Tango

ODOUR	Pleasant, agreeable.		
SOLUBILITY	Insoluble in water Miscible with water		
BOILING POINT (°C)	~100	MELTING POINT (°C)	~0
RELATIVE DENSITY	~ 0.965 (20°C)	FLASH POINT (°C)	> 62 CC (Closed cup).
VOLATILE ORGANIC COMPOUND (VOC)	78 g/litre		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION

Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION**GENERAL INFORMATION**

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

Vapours may cause headache, fatigue, dizziness and nausea.

INGESTION

May cause stomach pain or vomiting. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SKIN CONTACT

May cause defatting of the skin, but is not an irritant.

EYE CONTACT

No specific health warnings noted. Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS

Serious long-term effects are not known to be related to this type of product.

Prolonged or repeated exposure to this chemical may cause: Defatting, drying and cracking of skin.

OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

MEDICAL SYMPTOMS

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Name	PROPAN-2-OL
Toxic Dose 1 - LD 50	5500 mg/kg (oral rat)
Name	KEROSINE (PETROLEUM); STRAIGHT RUN KEROSINE
Toxic Dose 1 - LD 50	5000 mg/kg (oral rat)
Name	d-LIMONENE
Toxic Dose 1 - LD 50	4400 mg/kg (oral rat)
Toxic Dose 2 - LD 50	5600 mg/kg (oral-mouse)
Name	OLEYLBIS(2-HYDROXYETHYL)AMINE
Toxic Dose 1 - LD 50	1000-2000 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. The product contains substances, which are water soluble and may spread in water systems.

BIOACCUMULATION

The product contains potentially bioaccumulating substances.

DEGRADABILITY

The product is biodegradable, but it must not be discharged into drains without permission from the authorities.

Tango**WATER HAZARD CLASSIFICATION****WGK 2**

Name PROPAN-2-OL

LC 50, 96 Hrs, FISH mg/l 9600

EC 50, 48 Hrs, DAPHNIA, mg/l 4600

Bioaccumulation potential

Will not bio-accumulate.

Degradability

The product is expected to be biodegradable.

Name KEROSINE (PETROLEUM); STRAIGHT RUN Kerosine

LC 50, 96 Hrs, FISH mg/l 10

Mobility

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

Bioaccumulation potential

The product is not bioaccumulating.

Degradability

The product is slowly degradable.

Name d-LIMONENE

Mobility

The product is insoluble in water.

Bioaccumulation potential

The product contains potentially bioaccumulating substances.

Degradability

Volatile substances are degraded in the atmosphere within a few days.

Name OLEYLBIS(2-HYDROXYETHYL)AMINE

Ecotoxicity

The product contains a substance which is very toxic to aquatic organisms.

LC 50, 96 Hrs, FISH mg/l 0.39

EC 50, 48 Hrs, DAPHNIA, mg/l 0.1

IC 50, 72 Hrs, ALGAE, mg/l 0.01-0.1

Bioaccumulation potential

No data available on bioaccumulation.

Degradability

The product is easily biodegradable.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

The packaging must be empty (drop-free, when inverted)

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

14 TRANSPORT INFORMATION**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

15 REGULATORY INFORMATION**RISK PHRASES**

NC Not classified.

SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves.

P13 Safety data sheet available for professional user on request.

P14 Contains d-LIMONENE. May produce an allergic reaction.

Tango

DETERGENT LABELLING

< 5% Non-ionic surfactants
Cationic surfactants
Perfumes
Contains d-LIMONENE,LINALOOL

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

NATIONAL REGULATIONS

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

16 OTHER INFORMATION

GENERAL INFORMATION

This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

Only trained personnel should use this material.

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 22/09/2010

REV. NO./REPL. SDS GENERATED 4

RISK PHRASES IN FULL

R34 Causes burns.
R10 Flammable.
R22 Harmful if swallowed.
R65 Harmful: may cause lung damage if swallowed.
R11 Highly flammable.
R36 Irritating to eyes.
R38 Irritating to skin.
R43 May cause sensitisation by skin contact.
R67 Vapours may cause drowsiness and dizziness.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50 Very toxic to aquatic organisms.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.